

High-density gene chip making process

Patent Number: CN1252452
Publication date: 2000-05-16
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Requested Patent: CN1252452
Application Number: CN19990114460 19990924
Priority Number(s): CN19990114460 19990924
IPC Classification: C12Q1/63
EC Classification:
Equivalents:

Abstract

The present invention is a method of making high-density gene chip, specifically for making high-density micro-array of oligonucleotide probes. An oligonucleotide probe selecting process to seek preferentially length variable and coverage variable probes is provided to ensure identical cross melting temperature of probes to the maximum limit, and this can make the cross control of gene chip relatively simple and raise the reliability of the gene chip detecting results. In addition, the present invention also proposes a specific probe selection method for detecting target sequence directly, detecting mutation in both specific and non-specific sites and a probe overall arrangement scheme.

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